

## SEQUENCE LISTING

<110> University of South Florida

<120> Materials and Methods for Treatment of Allergic Diseases

<130> USF-183XC1 PCT

<150> 60/319,529

<151> 2002-09-06

<160> 17

<170> PatentIn version 3.1

<210> 1

<211> 30

<212> PRT

<213> Homo sapiens

<400> 1

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<210> 2

<211> 37

<212> PRT

<213> Homo sapiens

<400> 2

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Ala Ala Leu Ser Pro Leu Pro Glu Val Pro Pro Trp Thr Gly Glu Val  
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Ser Pro Ala Gln Arg  
35

<210> 3

<211> 20

<212> PRT

<213> Homo sapiens

<400> 3

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1 5 10 15

Thr Ala Pro Arg  
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<210> 4

<211> 28

<212> PRT

<213> Homo sapiens

<400> 4

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1 5 10 15

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<210> 5

<211> 28

<212> PRT

<213> Mus musculus

&lt;400&gt; 5

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Arg Ala Leu Leu Ala Gly Pro Arg Ser Leu Arg Arg  
 20 25

&lt;210&gt; 6

&lt;211&gt; 37

&lt;212&gt; PRT

&lt;213&gt; Mus musculus

&lt;400&gt; 6

Val Ser Asn Thr Asp Leu Met Asp Phe Lys Asn Leu Leu Asp His Leu  
 1 5 10 15

Glu Glu Lys Met Pro Val Glu Asp Glu Val Met Pro Pro Gln Ala Leu  
 20 25 30

Ser Glu Gln Thr Glu  
 35

&lt;210&gt; 7

&lt;211&gt; 151

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 7

Met Ser Ser Phe Ser Thr Thr Thr Val Ser Phe Leu Leu Leu Leu Ala  
 1 5 10 15

Phe Gln Leu Leu Gly Gln Thr Arg Ala Asn Pro Met Tyr Asn Ala Val  
 20 25 30

Ser Asn Ala Asp Leu Met Asp Phe Lys Asn Leu Leu Asp His Leu Glu  
 35 40 45

Glu Lys Met Pro Leu Glu Asp Glu Val Val Pro Pro Gln Val Leu Ser

50		55		60
Glu Pro Asn Glu Glu Ala Gly Ala Ala Leu Ser Pro Leu Pro Glu Val				
65		70	75	80
Pro Pro Trp Thr Gly Glu Val Ser Pro Ala Gln Arg Asp Gly Gly Ala				
	85	90	95	
Leu Gly Arg Gly Pro Trp Asp Ser Ser Asp Arg Ser Ala Leu Leu Lys				
	100	105	110	
Ser Lys Leu Arg Ala Leu Leu Thr Ala Pro Arg Ser Leu Arg Arg Ser				
	115	120	125	
Ser Cys Phe Gly Gly Arg Met Asp Arg Ile Gly Ala Gln Ser Gly Leu				
	130	135	140	
Gly Cys Asn Ser Phe Arg Tyr				
145		150		

&lt;210&gt; 8

&lt;211&gt; 35

&lt;212&gt; DNA

&lt;213&gt; Mus musculus

&lt;400&gt; 8

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35

&lt;210&gt; 9

&lt;211&gt; 33

&lt;212&gt; DNA

&lt;213&gt; Mus musculus

&lt;400&gt; 9

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33

&lt;210&gt; 10

&lt;211&gt; 33

&lt;212&gt; DNA

<213> Mus musculus

<400> 10  
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<210> 11

<211> 41

<212> DNA

<213> Mus musculus

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<210> 12

<211> 93

<212> DNA

<213> Mus musculus

<400> 12  
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<211> 117

<212> DNA

<213> Mus musculus

<400> 13  
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<210> 14

<211> 845

<212> DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 14

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&lt;210&gt; 15

&lt;211&gt; 2583

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 15

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&lt;210&gt; 16

&lt;211&gt; 152

&lt;212&gt; PRT

&lt;213&gt; Mus musculus

&lt;400&gt; 16

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Met Gly Ser Phe Ser Ile Thr Leu Gly Phe Phe Leu Val Leu Ala Phe
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```

```

Trp Leu Pro Gly His Ile Gly Ala Asn Pro Val Tyr Ser Ala Val Ser
          20           25           30

```

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Asn Thr Asp Leu Met Asp Phe Lys Asn Leu Leu Asp His Leu Glu Glu
          35           40           45

```

```

Lys Met Pro Val Glu Asp Glu Val Met Pro Pro Gln Ala Leu Ser Glu
          50           55           60

```

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Gln Thr Glu Glu Ala Gly Ala Ala Leu Ser Ser Leu Pro Glu Val Pro
65           70           75           80

```

```

Pro Trp Thr Gly Glu Val Asn Pro Pro Leu Arg Asp Gly Ser Ala Leu
          85           90           95

```

```

Gly Arg Ser Pro Trp Asp Pro Ser Asp Arg Ser Ala Leu Leu Lys Ser
          100          105          110

```

```

Lys Leu Arg Ala Leu Leu Ala Gly Pro Arg Ser Leu Arg Arg Ser Ser
          115          120          125

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Cys Phe Gly Gly Arg Ile Asp Arg Ile Gly Ala Gln Ser Gly Leu Gly
          130          135          140

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Cys Asn Ser Phe Arg Tyr Arg Arg  
 145 150

<210> 17

<211> 878

<212> DNA

<213> Mus musculus

<400> 17

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cagatctgat ggatttcaag aacctgctag accacctgga ggagaagatg ccggtagaag	240
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gctccctccc cgaggtgcct ccctggactg gggaggtcaa cccacctctg agagacggca	360
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